

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A spinal fusion device for adjusting the space between vertebrae comprising an upper section having a top surface and depending sidewalls, said sidewalls terminating in a first inclined plane, a lower section having a bottom surface and upstanding sidewalls, said upstanding sidewalls terminating in a second inclined plane, said first inclined plane and said second inclined plane being complementary to each other in movable contact, said upstanding sidewalls having a thickness, a portion of said upstanding sidewalls having a lesser thickness, a flange connected to said top surface, said flange adapted to contact said portion of said upstanding sidewalls having a lesser thickness and provide alignment of said upper section and said lower section, and a distractor located between said upstanding sidewalls, said distractor having adjustment means for moving said upper section relative to said lower section thereby increasing the distance between said top surface and said bottom surface.

2. (Currently amended). A spinal fusion device for placement in the disk space between adjacent vertebrae comprising a hollow

body having an upper section with a top surface for contacting one vertebra and a lower section with a bottom surface for contacting the adjacent vertebra, sidewalls depending from said top surface terminating in an inclined plane, upstanding sidewalls projecting from said bottom surface terminating in an inclined plane, said depending sidewalls and said upstanding sidewalls in sliding contact with each other along said inclined plane, said upstanding sidewalls having a thickness, a portion of said upstanding sidewalls having a lesser thickness, a flange connected to said top surface, said flange adapted to contact said portion of said upstanding sidewalls having a lesser thickness and provide alignment of said upper section and said lower section, whereby the distance between said bottom surface and said top surface is adjustable by moving said upper section relative to said lower section.

3. (Original) A spinal fusion device of claim 2 comprising an end wall depending from said top surface, said end wall including a means for moving said upper section relative to said lower section, a distractor adapted to be inserted in said hollow body and contact said upstanding sidewalls, a link connected to said distractor for connecting said means and said distractor to adjust said distance.

4. (Cancelled).

Appl. No. 10/776,663 Amdt. dated Reply to Office action of September 08, 2006

5. (Original) A spinal fusion device of claim 2 comprising a distractor adapted for insertion in said hollow body, said distractor having an end plate, said end plate of a size to contact said upstanding sidewalls, said end plate including a bore.

6. (Currently amended) A spinal fusion device of claim 5 comprising a body connected to said end plate ~~by rails~~, said body having a bore for alignment with said end plate bore.

7. (Original) A spinal fusion device of claim 6 comprising an end wall depending from said top surface, said end wall including a means for moving said upper section relative to said lower section.

8. (Original) A spinal fusion device of claim 7 comprising a link extending through said end plate bore and said body bore and connected to said means for moving said upper section relative to said lower section, said link adapted to reduce the distance between said end plate and said end wall.

9. (Original) A spinal fusion device of claim 2 comprising a series of lands and grooves on said top surface for increasing purchase of said device.

10. (Original) A spinal fusion device of claim 2 comprising a series of lands and grooves on said bottom surface for increasing purchase of said device.

11. (Original) A spinal fusion device of claim 2 comprising a series of lands and grooves on said top surface and a series of lands and grooves on said bottom surface for increasing purchase of said device.